

## ABSTRACT

The present invention provides a partially radiolucent, partially radiopaque marker and a method for using such a marker for radiographic examination. The marker and the disclosed method may be employed for the examination of tissue structures of various densities. The radiographic density and thickness of the marker are selected so that when the marker and an underlying tissue structure are exposed to xray radiation of a specified energy, the marker casts a legible shadow without obscuring anatomical detail present in the underlying tissue structure. The invention also provides a system of partially radiolucent, partially radiopaque markers for use in the method of radiographic examination taught by the invention.